

**10/588505**

**AP20 Rec'd PCT/PTO 04 AUG 2006**

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Steven SEDGWICK et al.

Application No.: New Application

Filed: August 4, 2006

Attorney Dkt. No.: 015959-00015

For: SELECTION MARKERS USEFUL FOR HETEROLOGOUS PROTEIN  
EXPRESSION

**INFORMATION DISCLOSURE STATEMENT**

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Date: August 4, 2006

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. 1.97 within the time specified under 37 CFR 1.97(b).


The references cited in the attached Form PTO-SB08 were cited in the enclosed International Search Report issued by the European Patent Office in connection with the above international application. It is understood that the International bureau has sent a copy of each of the cited references to the U.S. Patent and Trademark Office. If this is not the case, please contact Applicants' representative at the telephone number listed below.

10/588505

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In view of the above, all requirements of 37 CFR 1.97 and all official guidelines pertaining to Information Disclosure Statements have been complied with, and it is therefore respectfully requested that the Examiner consider the references and make them of record.

Respectfully submitted,



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|  |     |    |   | Application Number     | New Application <b>10/588505</b> |
|  |     |    |   | Filing Date            | August 4, 2006                   |
|  |     |    |   | First Named Inventor   | Steven SEDGWICK                  |
|  |     |    |   | Art Unit               | TBA                              |
| Examiner Name  | TBA |    |   |                        |                                  |
| Sheet  | 1   | of | 1 | Attorney Docket Number | 015959-00015                     |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.       | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
|                    |                       | KITAZONO ANA A. et al.: "Marker-fusion PCR for one-step mutagenesis of essential genes in yeast"; YEAST; vol. 19, no. 2; January 30, 2002; pages 141-149; XP002353151; ISSN: 0749-503X  |                |
|                    |                       | MURPHY C K et al.: "A double counter-selection system for the study of null alleles of essential genes in Escherichia coli"; Gene, Elsevier, Amsterdam, NL; vol. 155, no. 1; 1995; pages 1-7; XP004042435; ISSN: 0378-1119  |                |
|                    |                       | LUCA F C et al.: "MOB1, an essential yeast gene required for completion of mitosis and maintenance of ploidy"; Molecular Biology of the Cell, Bethesda, MD, US; vol. 9, no. 1, January 1998; pages 29-46; XP002338945; ISSN: 1059-1524                                |                |
|                    |                       | GEYMONAT MARCO et al.: "In vitro regulation of budding yeast Bfa1/Bub2 GAP activity by Cdc5"; Journal of Biological Chemistry; vol. 278, no. 17; April 25, 2003; pages 14591-14594; XP002353152; ISSN: 0021-9258  |                |
|                    |                       | CROSS FREDERICK R.: "Marker Swap plasmids: Convenient tools for budding yeast molecular genetics"; YEAST; vol. 13, no. 7; 1997; pages 647-653; XP002353153; ISSN: 0749-503X   |                |
|                    |                       | ZHANG REN et al.: "Deg: A database of essential genes; Nucleic Acids Research; vol. 32, no. Database Issue; January 1, 2004; pages D271-D272; XP002353154; ISSN: 0305-1048  |                |
|                    |                       | SIKORSKI R S et al.: "20 in vitro mutagenesis and plasmid shuffling: From cloned gene to mutant yeast" Methods in Enzymology, Academic Press Inc., San Diego, CA, US, vol. 194; 1991; pages 302-318; XP002912110; ISSN: 0076-6879                                     |                |
|                    |                       | ELLEDGE S J et al.: "A family of versatile centromeric vectors designed for use in the sectoring-shuffle mutagenesis assay in saccharomyces cerevisiae"; Gene, Elsevier, Amsterdam, NL; vol. 70; no. 2; October 30, 1988; pages 303-312; XP000000376; ISSN: 0378-1119 |                |
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